



UNITED STATES PATENT AND TRADEMARK OFFICE

ml

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/893,240	06/26/2001	Jessica M. Barnes	10420/17	4905

7590 02/01/2007
BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610

EXAMINER

DIXON, THOMAS A

ART UNIT PAPER NUMBER

3628

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/01/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

09/893,240

Applicant(s)

BARNES ET AL.

Examiner

Thomas A. Dixon

Art Unit

3628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 November 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 5-26 is/are rejected.
- 7) ☒ Claim(s) 4 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The request filed on 11/13/06 for Continued Examination (RCE) based on parent Application No. 09/893,240 is acceptable and an RCE has been established. An action on the RCE follows.
2. Applicant's amendments and remarks of 22 March 2006 have been considered.
3. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Response to Amendment / Arguments

4. Applicant's arguments that Marjo does not disclose all the features of the independent claims is mistaken, the reference as a whole teaches the concept of sending information regarding passengers from the origin nation to the destination nation and bypassing further processing based on the data was anticipated by Marjo,

Art Unit: 3628

but Mann et al, which is a patent to the system has been substituted in the rejection because the disclosure is more fully enabled.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

5. Claims 1-3, 5-9, 12-13, 15-22 are rejected under 35 U.S.C. 102(a) as being anticipated by Mann et al (6,119,096).

As per Claim 1:

Mann et al ('096) discloses:

entering information identifying the passenger a first time into a computer interface, see figure 12 (202);

recording a first electronic image of the passenger, see figure 12 (204);

comparing a prior image of the passenger to the first image, see figure 6 (610);

sending information identifying the passenger to a government or government agent in a destination country, see column 6, lines 44-49, and column 8, lines 52-54;

entering information identifying the passenger a second time into a computer interface before departure and verifying an identity of the passenger, see figure 6 (612);

recording a second electronic image of the passenger, see figure 6 (616);

comparing the second image to a prior image of the passenger, see figure 6 (616); and

routing the passenger in accordance with the data and an instruction from the government or government agent, see figure 1b (124, 126).

As per Claim 2.

Mann et al ('096) further discloses the first electronic image is recorded in an originating country, see column 5, lines 3-18.

As per Claim 3.

Mann et al ('096) further discloses the first electronic image is transmitted to a destination country, see column 6, lines 28-57.

As per Claim 5.

Art Unit: 3628

Mann et al ('096) further discloses the electronic image is selected from a group consisting of a photograph, a fingerprint an iris scan and a voiceprint, see column 5, lines 2-18.

As per Claim 6.

Mann et al ('096) further discloses the entering of flight information for the passenger into the computer interface, see column 16, lines 56-65.

As per Claim 7.

Mann et al ('096) further discloses retrieving data of passengers scheduled for a flight from a first computer memory and storing the data in a second computer memory, see column 16, line 56 – column 17, line 20 and column 6, lines 28-57.

As per Claim 8.

Mann et al ('096) further discloses the comparing is performed by a computer with software selected from the groups consisting of feature recognition software, voice recognition software and facial recognition software, see column 5, lines 2-18.

As per Claim 9.

Mann et al ('096) further discloses taking a subsequent image of the passenger and comparing the subsequent image to the first electronic image, and routing the passenger according to the result of a comparison of the first electronic image and the subsequent image, see figure 6 (610, 616).

As per Claim 12.

Mann et al ('096) further discloses giving the passenger notice of an instruction of the government or government agent, see figure 1b (124, 126).

As per Claim 13.

Mann et al ('096) further discloses no instruction is received from the government and the passenger is not required to process through customs, see figure 1b (124).

As per Claims 15-22.

Mann et al ('096) discloses:

a computer interface, see column 5, lines 12-13 and memory, see column 5, line 14;

a camera linked to a computer, see column 5, lines 3-7;

one computer linked to a second computer, see column 6, lines 28-57;

feature, voice or facial recognition software, see column 5, lines 3-17.

Also as described the limitations of the claim and its dependents do not distinguish the claimed apparatus from the prior art.

Claim Rejections - 35 USC § 103

Art Unit: 3628

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mann et al (6,119,096) in view of Official Notice.

As per Claim 10.

Mann et al ('096) discloses filling out forms on a computer and sending them to an agent of the government and routing the passenger according to a government or government agent, see column 5, lines 3-45, but does not specifically disclose filling out customs declaration forms.

Official Notice is taken that it is old and well known that any type of form can be filled out and sent, therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to fill out a customs declaration form in Marjo's system for the benefit of increased speed of processing through the airport.

7. Claims 11 is rejected under 35 U.S.C. 102(a) as being anticipated by Mann et al (6,119,096) in view of Diamond et al (6,698,653).

As per Claim 11.

Mann et al ('096) further discloses a tag with memory associated with the baggage, sending the data (tag with baggage) and routing the baggage, see column 17, lines 7-59, but does not disclose electronically inspecting luggage of the passenger, making a record of the electronic inspecting, entering the record into the computer memory, sending to the government or government agent, and routing the baggage in accordance with the government or government agent.

Diamond et al (653) teaches inspecting luggage of the passenger, making a record of the electronic inspecting, entering the record into the computer memory, sending to the government or government agent, and routing the baggage in accordance with the government or government agent, see figure 2 (22, 23), figure 6 (78, 79, 84) and figure 9 (134) for the benefit of monitoring that baggage contains no prohibited items and that passengers board the plane with their luggage.

Therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to inspect baggage, enter records into a computer memory and send the data to an agent and route the baggage in accordance with the agent for

Art Unit: 3628

the benefit of monitoring that baggage contains no prohibited items and that passengers board the plane with their baggage..

8. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mann et al (6,119,096) in view of applicant's disclosure.

As per Claim 14.

Mann et al ('096) does not specifically disclose if no instruction is received from the government or government agent and the passenger is automatically required to process through customs or immigration or both customs and immigration.

Applicant's application, page 1, lines 19-21 teaches that it is old and well known to automatically require the passenger to process through customs and immigration to control the flow of goods and people into a country.

Therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to if no instruction is received from the government or government agent and the passenger is automatically required to process through customs or immigration or both customs and immigration to control the flow of goods and people into a country.

9. Claims 23-24 are rejected under 35 U.S.C. 102(a) as being anticipated by Pugliese, III (6,044,353) in view of Mann et al (6,119,096) in view of Sweatte (6,335,688).

As per Claim 23.

Pugliese, III ('353) discloses a passenger, baggage, and baggage of the passenger, and information concerning the passenger and baggage, see abstract; gathering information and sending information concerning the passenger and baggage of the passenger, wherein the information concerning the passenger and the baggage of the passenger is automatically gathered and processed, see column 4, lines 16-35;

sending the baggage through an electronic baggage inspection, sending the baggage to the second country, and routing the baggage to a location selected from the group consisting of customs, a baggage claim area, and a connecting flight of a passenger, see column 4, lines 36-52;

sending the passenger from an origin to a destination, and sending the passenger to further processing selected from the group consisting of customs, immigration and no further processing, see column 4, line 65 – column 5, line 19.

Pugliese III ('353) does not specifically disclose gathering passenger information a first and second time and verifying the passenger's identity prior to departure, and sending the passenger from a first country to the second country, information sent to a government official of a second country and sending a passenger

Art Unit: 3628

to further processing depending on the interest of a government official of the second country.

Mann et al ('096) teaches gathering passenger information, see column 5, lines 3-17 at ticketing time and verifying check-in time, boarding time, see column 17, lines 7-59 and at exit, see column 13, lines 42-44 from the system.

Sweatte ('688) teaches notification of immigration or customs, see abstract, for the benefit of letting airline and security personnel know when an unexpected or unwanted event or person is in the system to allow them to determine if they are interested in the passenger.

Therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to check the passenger's identity multiple times, notify immigration or customs, as taught by Sweatte, for the benefit of letting airline and security personnel know when an unexpected or unwanted event or person is in the system.

As per Claim 24.

Pugliese, III ('353) further discloses scheduling travel of a passenger and transferring data concerning the passenger from a first computer memory to a second computer memory, see column 5, line 61 – column 6, line 14.

10. Claim 25 is rejected under 35 U.S.C. 103(a) as being unpatentable over Pugliese III (6,044,353) in view of Mann et al (6,119,096) in view of Sweatte (6,335,688) further in view of Official Notice.

As per Claim 25.

Pugliese III ('353) discloses filling out forms on a computer, see column 3, line 62 – column 4, but does not specifically disclose filling out customs declaration forms.

Official Notice is taken that it is old and well known that any type of form can be filled out and sent, therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to fill out a customs declaration form in Pugliese III's system for the benefit of increased speed of processing through the airport.

11. Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Pugliese III (6,044,353) in view of Mann et al (6,119,096) in view of Sweatte (6,335,688) further in view of applicant's disclosure.

As per Claim 26.

Pugliese, III ('353) does not disclose the passenger proceeds to an immigration booth upon arrival in the second country to automatically verify his or her identification and to receive instructions for proceeding.

Art Unit: 3628

Sweatte ('688) teaches automatic verification of identification of persons arriving in a second country and notification of immigration or customs, see abstract, for the benefit of letting airline and security personnel know when an unexpected or unwanted event or person is in the system to allow them to determine if they are interested in the passenger.

Applicant's application, page 1, lines 19-21 teaches that it is old and well known to automatically require the passenger to process through customs and immigration to control the flow of goods and people into a country.

Therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to if no instruction is received from the government or government agent and the passenger is automatically required to process through customs or immigration or both customs and immigration to control the flow of goods and people into a country.

Allowable Subject Matter

12. Claims 4 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art of record, specifically Marjo "Picking up the Pace. (Biometric technology in air travel)," Pugliese, III (6,044,353) in view of Sweatte (6,335,688) and Mann (6,119,096), does not disclose or fairly teach:

the second electronic image is recorded on an aircraft.

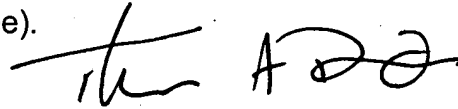
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas A. Dixon whose telephone number is (571) 272-6803. The examiner can normally be reached on Monday - Thursday 6:30 - 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Hayes can be reached on (571) 272-6708. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3628

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Thomas A. Dixon', with a stylized flourish at the end.

Thomas A. Dixon
Primary Examiner
Art Unit 3639

February 07